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CSCI 3170 Assignment1

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./code contain 4 files of code, alignSingle.m imgAlignSingle.m alignMulti.m imgAlignMulti.m .

alignSingle.m & imgAlignSingle.m is for Single-scale Implementation and

alignMulti.m & imgAlignMulti.m is for Multi-scale Implementation.

imgAlignSingle.m and imgAlignMulti.m is the main function of the implementation.

./html contain a report html and image.

In that html, it included

- Algorithms for two implementation

- Result image for Single-scale Implementation, for Multi-scale I think it is too large so I didn't put it in.

- Discussion about the algorithms I wrote and how can I improve it further

- Extra part: using 1gradients to process image